

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,922,628 B2
DATED : July 26, 2005
INVENTOR(S) : Guoming G. Zhu et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 54, "diagnostic" should be -- diagnostics --.

Column 2,

Line 4, after "invention" insert -- , --.

Column 3,

Line 8, "access" should be -- assess --.

Line 53, "circumstance" should be -- circumstances --.

Column 7,

Line 63, "INTC₁₂" should be -- INTC_{i2} --.

Column 8,

Line 8, "INTC₁₂" should be -- INTC_{i2} --.

Line 12, "INT₁₂ = \int Ion(t) dt \times PWM_{DC} = \int Ion(θ) d θ \times PWM_{DC} / (6 \times RPM)" should be -- INT_{i2} = \int Ion(t) dt \times PWM_{DC} = \int Ion(θ) d θ \times PWM_{DC} / (6 \times RPM) --.

Line 18, "INTC₁₂ = \int Ion(θ) d θ = 6 \times RPM \times INT₁₂ / PWM_{DC}" should be -- INTC_{i2} = \int Ion(θ) d θ = 6 \times RPM \times INT_{i2} / PWM_{DC} --.

Line 20, "INTC₁₂" should be -- INTC_{i2} --.

Column 11,

Line 47, "TH_{PC}" should be -- TH_{FC} --.

Column 12,

Line 1, after "assembly" insert -- threshold TH_{FC}, the diagnostic subroutine determines that the ignition coil/ion-sensing assembly --.

Column 15,

Line 23, "PFT" should be -- PFI --.

Line 32, "band" should be -- bank --.

Line 50, "is" should be -- if --.

Column 16,

Line 28, "change" should be -- changes --.

Column 17,

Line 42, "soil" should be -- coil --.

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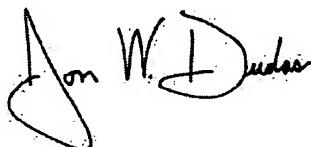
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20,
Line 14, ";" should be -- : --.

Signed and Sealed this

Eleventh Day of October, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office